Amendment to Claims:

Please amend claims 1, 3, 11, 13, 21, 23, and 31 as follows, and cancel claims 2 and 12:

1. (currently amended) A method of processing a communication, comprising:

receiving the communication;

directly and [[sinebusslessly] sinebusly storing the communication received;

providing the communication stored to at least one of [[the]] a plurality of entities;

receiving a response to the communication;

storing the response; and

providing the response directly and [[sineinterruptessly]] sineinterruptusly.

2. The method of claim 1 wherein:

the communication is stored in a first storage accessible to a plurality of entities;

the response is stored in a second storage not accessible by at least one of the entities in the plurality of entities; and

the response is provided from the second storage.

3. (currently amended) The method of claim 2:

additionally comprising assigning the communication received to at least one of a plurality of queues in the first storage, the plurality of queues each corresponding to a different one of the plurality of entities; and

[[and]] wherein the providing the communication step comprises providing the communication to at least one of the plurality of entities corresponding to the at least one queue to which the communication was assigned.

4. (original) The method of claim 3, wherein the assigning step is responsive to a prior communication.

5. (original) The method of claim 3 wherein the assigning step is responsive to information contained in the communication.

6. (original) The method of claim 1 wherein the response is additionally provided sinebusly.

7. (original) The method of claim 1 wherein the communication comprises a packet.

8. (original) The method of claim 1 wherein the communication comprises an Ethernet frame.

9. (original) The method of claim 1 wherein the communication comprises a storage device communication.

10. (original) The method of claim 1 wherein the plurality of entities comprise a plurality of processors.

11. (currently amended) A system for processing a communication, comprising:

an incoming communication interface having an input for receiving the communication, the incoming communication interface for providing at an output at least a portion of the communication received at the incoming communication interface input;

an incoming interface manager having an input coupled to the incoming communication interface output, the incoming interface manager for directly and [[sinebusslessly]] sinebusly storing the communication received at the incoming interface manager input into a first storage having an input/output coupled to an incoming interface manager output;

a first interface having an input/output coupled to the first storage input/output and an output, the first interface for retrieving from the first storage via the first storage input/output and for providing via an output the communication to at least one of [[the]] a plurality of entities coupled to the first storage output;

a second interface coupled to fewer than all of the plurality of entities having an input for receiving a response to the communication from at least one of the at least one of the plurality of entities and for providing the response to a second storage coupled to an output; and

an outgoing interface manager having an input/output coupled to the second storage, the outgoing interface manager for retrieving the response directly and [[sineinterruptessly]] sineinterruptusly from the second storage and providing the response at an output.

12. (currently amended) The system of claim 11, wherein:

the first storage input/output is coupled to a plurality of [[entites]] entities; and

the second interface input coupled to at least one of the plurality of entities but coupled to fewer than all of the plurality of entities.

13. (currently amended) The system of claim 12, wherein:

the incoming interface manager is additionally for assigning the communication received to at least one of a plurality of queues in the first storage, the plurality of

queues each corresponding to a different one of the entities; and

[[and]] wherein the first interface provides the communication by to at least one of the plurality of entities corresponding to the at least one queue to which the communication was assigned.

14. (original) The system of claim 13, wherein the incoming interface manager assigns the communication responsive to a prior communication.

15. (original) The system of claim 13 wherein the incoming interface manager assigns the communication responsive to information contained in the communication.

16. (original) The system of claim 11 wherein the outgoing interface manager additionally retrieves the response from the second storage sinebusly.

17. (original) The system of claim 11 wherein the communication comprises a packet.

18. (original) The system of claim 11 wherein the communication comprises an Ethernet frame.

19. (original) The system of claim 11 wherein the communication comprises a storage device communication.

20. (original) The system of claim 11 wherein the plurality of entities comprise a plurality of processors.

21. (currently amended) A computer program product comprising a computer useable medium having computer readable program code embodied therein for processing a communication, the computer program product comprising computer readable program code devices configured to cause at least one computer to:

receive the communication;

directly and [[sinebusslessly]] sinebusly store the communication received;

provide the communication stored to at least one of [[the]] a plurality of entities;

receive a response to the communication;

store the response; and

provide the response directly and [[sineinterruptessly]] sineinterruptusly.

22. (original) The computer program product of claim 21 wherein:

the computer readable program code devices configured to cause at least one computer to store the communication comprise computer readable program code devices configured

to cause at least one computer to store the communication in a first storage accessible to a plurality of entities;

the computer readable program code devices configured to cause at least one computer to store the response comprise computer readable program code devices configured to cause at least one computer to store the response in a second storage not accessible by at least one of the entities in the plurality of entities; and

the computer readable program code devices configured to cause at least one computer to provide the response comprise computer readable program code devices configured to cause at least one computer to provide the response from the second storage.

23. (currently amended) The computer program product of claim 22:

additionally comprising computer readable program code devices configured to cause at least one computer to assign the communication received to at least one of a plurality of queues in the first storage, the plurality of queues each corresponding to a different one of the plurality of entities; and

[[and]] wherein the computer readable program code devices configured to cause at least one computer to

provide the communication comprise computer readable program code devices configured to cause at least one computer to provide the communication to at least one of the plurality of entities corresponding to the at least one queue to which the communication was assigned.

24. (original) The computer program product of claim 23, wherein the computer readable program code devices configured to cause at least one computer to assign are responsive to a prior communication.

25. (original) The computer program product of claim 23 wherein the computer readable program code devices configured to cause at least one computer to assign are responsive to information contained in the communication.

26. (original) The computer program product of claim 21 wherein the computer readable program code devices configured to cause at least one computer to provide the response comprise computer readable program code devices configured to cause at least one computer to provide the response sinebusly.

27. (original) The computer program product of claim 21 wherein the communication comprises a packet.

28. (original) The computer program product of claim 21 wherein the communication comprises an Ethernet frame.

29. (original) The computer program product of claim 21 wherein the communication comprises a storage device communication.

30. (original) The computer program product of claim 21 wherein the plurality of entities comprise a plurality of processors.

31. (original) A method of processing a communication, comprising:

receiving the communication;

storing the communication in a first storage accessible to a plurality of entities;

providing the communication from the first storage;

receiving a response to the communication;

storing the response to the communication in a second storage not accessible to at least one of the plurality of entities; and

providing the response from the second storage.